IN THE UNITED SPACES PATENT AND TRADEMARK OFFICE

In re Applicant:

AUG 2 5 2006

Yoav KIMCHY

Serial No.:

10/616,307

Filed:

July 10, 2003

For:

RADIOACTIVE EMISSION DETECTOR

EQUIPPED WITH A POSITION TRACKING

SYSTEM

Examiner:

CATTUNGAL, SANJAY

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 1FN

Group Art Unit: 3768

Attorney

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Docket: 25855

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a PTO Form 1449 which lists citations which may be material to the patentability and examination of the above identified application. Also enclosed are copies of the references cited. These are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

This Supplemental Information Disclosure Statement under 37 CFR 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any or more of these citations constitutes prior art.

Respectfully submitted,

Martin D. Moynihan

Registration No. 40,338

Dated: August 9, 2006

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
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Substitute for form 1449A/PTO					Complete if Known			
					Application Number 10/616,307			
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date July 10, 2003		10, 2003		
				First Named Inventor	Yoav KIMCHY et al			
				Art Unit				
					Examiner Name	CATTUNGAL, SANJAY		
(use as many sheets as necessary)								
Sheet 1		of 2		Attorney Docket Number 2		25855		
					DOCUMENTS			
Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY 05-20-2003 04-4-2002 09-9-1997		Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ^{2 (if known)}					Tigures Appear	
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	3	US-5,694,933			Madden et al.			
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Examiner Initials*	Cite No. ¹	Foreign Patent Documents Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
	32	PCT WO 02/058531	Γ WO 02/058531 01-1-2002 Kimchy et al.			Т
33 PCT WO 02/16965		02-28-2002 Kimchy et al.			匚	
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Complete if Known Substitute for form 1449A/PTO Application Number 10/616,307 SUPLEMENTAL INFORMATION DISCLOSURE Filing Date July 10, 2003 STATEMENT BO APPL First Named Inventor Yoav KIMCHY et al (use as man Group Art Unit 3768 CATTUNGAL, Examiner Name **SANJAY** Sheet 2 2 Attorney Docket Number 25855 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), T^2 No.1 Initials publisher, city and/or country where published. Bromiley et al. "Attenuation Correction in PET Using Consistency Conditions and A 34 Three-Dimensional Template", IEEE Transactions on Nuclear Science, 48(4): 1371-1377, 2001. P.1376, Col.2, § 2. 35 Hayakawa et al. "A PET-MRI Registration Technique for PET Studies of the Rat Brain", Nuclear Medicine & Biology, 27: 121-125, 2000. P.121, Col.1. 36 Lavallée et al. "Building A Hybrid Patient's Model for Augmented Reality in Surgery: A Registration Problem", Computing in Biological Medicine, 25(2): 149-164, 1995, P.149-150. Kojima et al. "Quantitative Planar Imaging Method for Measurement of Renal 37 Activity by Using A Conjugate-Emission Image and Transmission Data", Medical Physics, 27(3): 608-615, 2000. P.608. Pardridge et al. "Tracer Kinetic Model of Blood-Brain Barrier Transport of Plasma 38 Protein-Bound Ligands", Journal of Clinical Investigation, 74: 745-752, 1984. 39 Reutter et al. "Direct Least Squares Estimation of Spatiotemporal Distributions From Dynamic SPECT Projections Using A Spatial Segmentation and Temporal B-Splines", IEEE Transactions on Medical Imaging, 19(5): 434-450, 2000. Huesman et al. "Kinetic Parameter Estimation From SPECT Cone-Beam Projection 40 Measurements", Physics in Medicine and Biology, 43(4): 973-982, 1998. 41 Reutter et al. "Kinetic Parameter Estimation From Attenuated SPECT Projection Measurements", IEEE Transactions on Nuclear Science, 45(6): 3007-3013, 1998. 42 Garcia et al. "Accuracy of Dynamic SPECT Acquisition for Tc-99m Teboroxime Myocardial Perfusion Imaging: Preliminary Results", American College of Cardiology, 51st Annual Scientific Session, Atlanta, Georgia, USA, 8 P., 2002.

Signature	Considered	

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